

FIG. 1

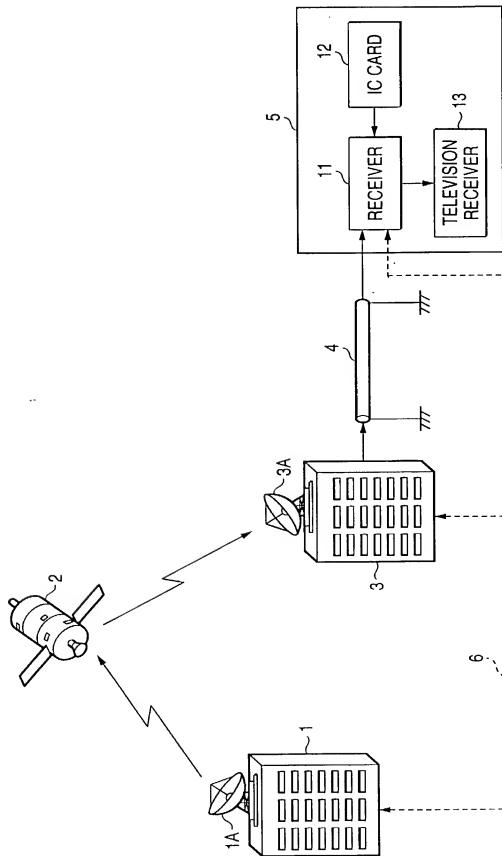


FIG. 2

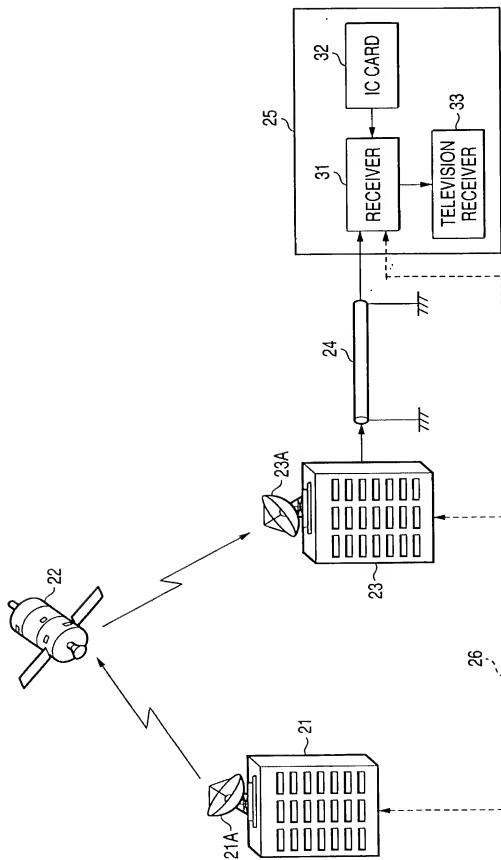


FIG. 3

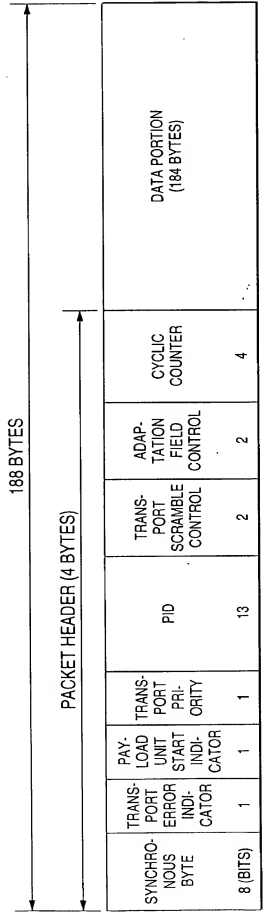


FIG. 4

TABLE ID	SECTION SYNTAX INDICATOR	"0"	RESERVE	SECTION LENGTH	TS ID	RESERVE	VERSION NUMBER	CURRENT/ NEXT INDICATOR	SECTION NUMBER	LAST SECTION NUMBER
8	1	1	2	12	16	2	5	1	8	8

(BIT)

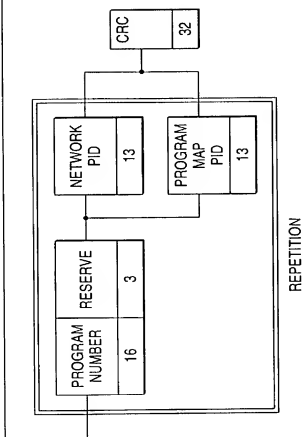
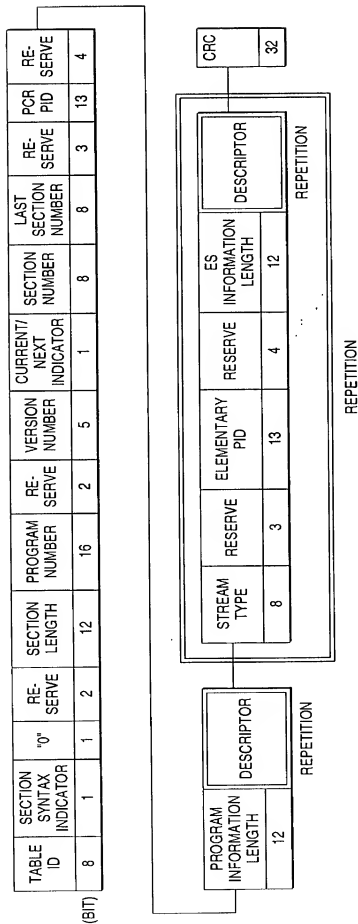


FIG. 5



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FIG. 6

DATA STRUCTURE	BIT
network_information_table () {	
table_id	8
section_syntax_indicator	1
reserved_future_use	1
reserved	2
section_length	12
network_id	16
reserved	2
version_number	5
current_next_indicator	1
section_number	8
lasat_section_number	8
reserved_future_use	4
network_descriptor_length	12
for (i = 0; i < N; i++) {	
descriptor ()	
}	
reserved_future_use	4
transport_stream_loop_length	12
for (i = 0; i < N; i++) {	
transport_stream_id	16
original_network_id	16
reserved_future_use	4
transport_stream_length	12
for (j = 0; j < N; j++) {	
descriptor ()	
}	
}	
CRC_32	
}	32

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FIG. 7

DATA STRUCTURE	BIT
satellite_delivery_system_descriptor	
descriptor_tag	8
descriptor_length	8
frequency	32
orbital_position	16
west_east_flag	1
polarization	2
modulation	5
symbol_rate	28
FEC_inner	4
}	

FIG. 8

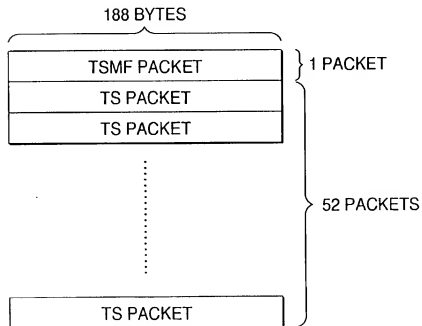
DATA STRUCTURE	BIT
service_list_descriptor () {	
descriptor_tag	8
descriptor_length	8
for (i = 0; i < N; i++) {	
service_id	16
service_type	8
}	
}	

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FIG. 9

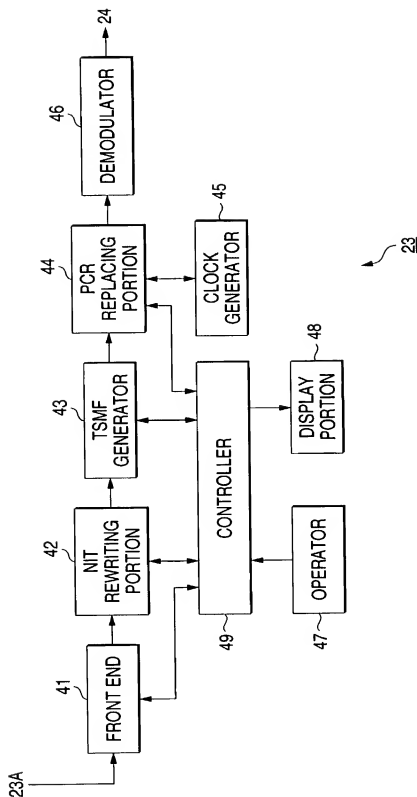
service_type	
0 x 01	DIGITAL TV SERVICE
0 x 02	DIGITAL AUDIO SERVICE
0 x C0	DATA SERVICE
0 x 80	SPECIAL VIDEO SERVICE
0 x 81	SPECIAL AUDIO SERVICE
0 x 82	SPECIAL DATA SERVICE

FIG. 10



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FIG. 11



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FIG. 12

DATA STRUCTURE	BIT
cable_delivery_system_descriptor	
descriptor_tag	8
descriptor_length	8
frequency	32
frame_type	12
reserved	4
FEC_outer	8
modulation	28
symbol_rate	4
FEC_inner	
}	

FIG. 13

VALUE	(FRAME LENGTH, MULTIPLEXED TS NUMBER)
0 x 1	(53, 15)
0 x f	NON-FRAMED 1TS TRANSMISSION
OTHERS	reserved_for_future_use

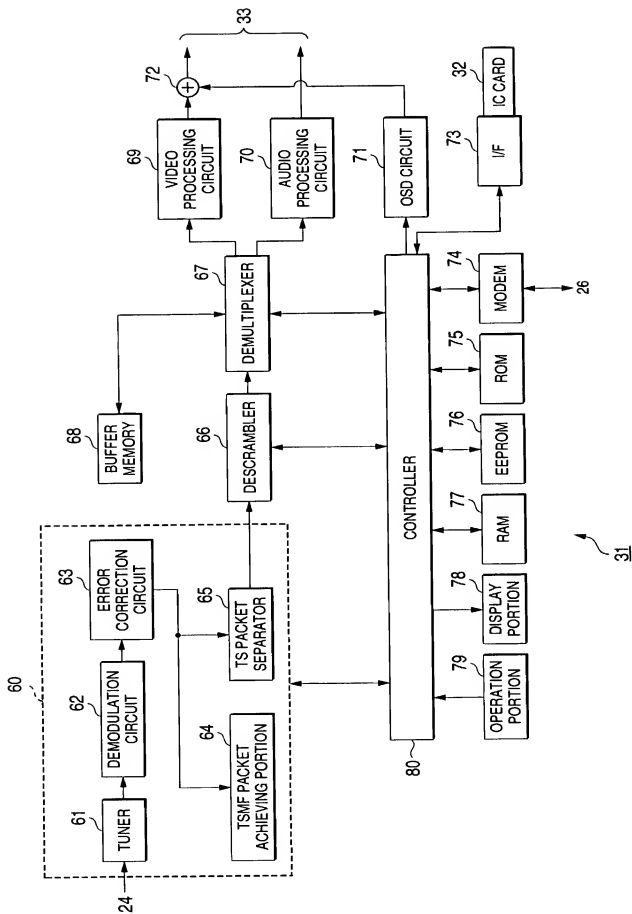
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FIG. 14

DATA STRUCTURE	BIT
<pre> frame_header () { sync_byte '000' frame_PID '0001' continuity_counter reserved_for_future_use frame_sync version_number relative_ts_number_mode frame_type for (i = 0; i < N; i++) { ts_status [i] } reserved_for_future_use for (i = 0; i < N; i++) { ts_id [i] original_network_id [i] } for (i = 0; i < N; i++) { receive_status [i] } reserved_for_future_use emergency_indicator for (j = 0; j < m; j++) { relative_ts_number [j] } control_date_version_number for (k = 0; k < L; k++) { receiver_id [k] control_status [k] } private_data crc } </pre>	<pre> 8 3 13 4 4 3 13 3 1 4 N = 15 1 1 N = 15 16 16 N = 15 2 1 1 M = 52 4 3 L = 39max 16 1 680 - 17 * (j + 1) - 3 32 </pre>

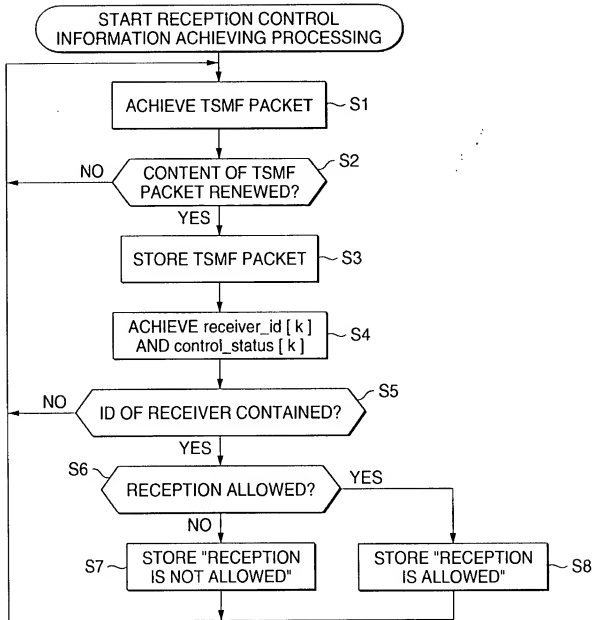
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FIG. 15



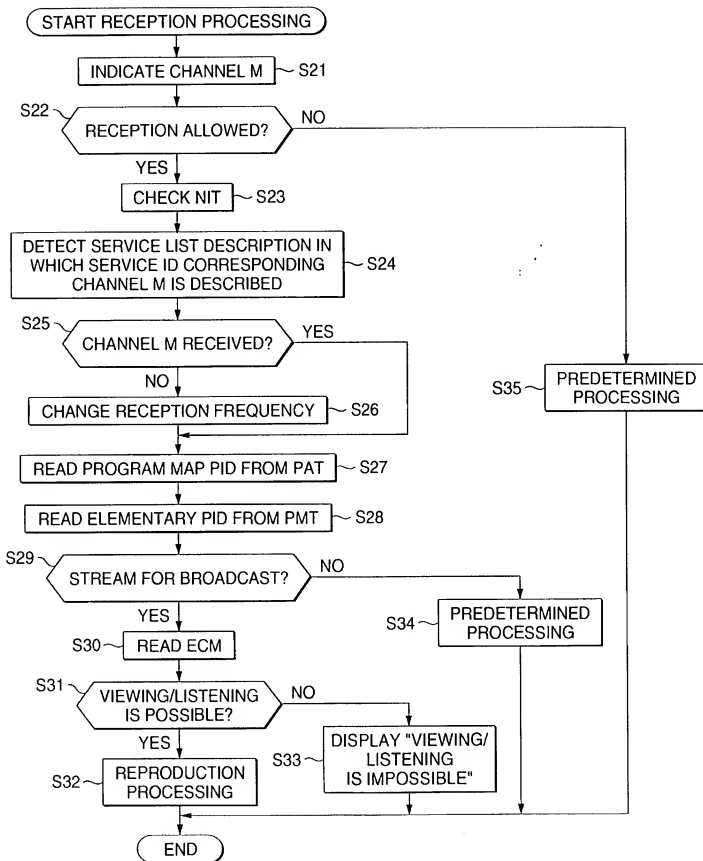
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FIG. 16



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FIG. 17



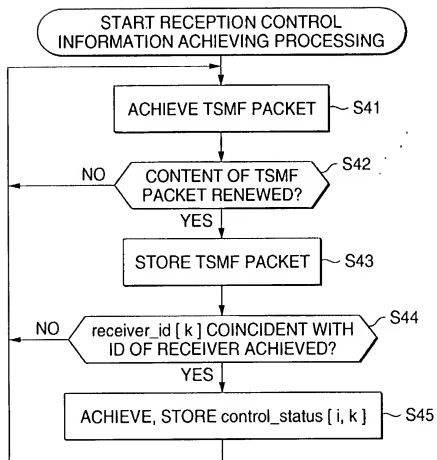
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FIG. 18

DATA STRUCTURE	BIT
frame_header () {	
sync_byte	8
'000'	3
frame_PID	13
'0001'	4
continuity_counter	4
reserved_for_future_use	3
frame_sync	13
version_number	3
relative_ts_number_mode	1
frame_type	4
for (i = 0; i < N; i++) {	N = 15
ts_status [i]	1
}	
reserved_for_future_use	1
for (i = 0; i < N; i++) {	N = 15
ts_id [i]	16
original_network_id [i]	16
}	
for (i = 0; i < N; i++) {	N = 15
receive_status [i]	2
}	
reserved_for_future_use	1
emergency_indicator	1
for (j = 0; j < m; j++) {	M = 52
relative_ts_number [j]	4
}	
data_status	1
control_date_version_number	4
reserved_for_future_use	3
for (k = 0; k < L; k++) {	L = 21
receiver_id [k]	16
}	
for (i = 0; i < N; i++) {	N = 15
for (k = 0; k < L; k++) {	L = 21
control_status [i, k]	1
}	
}	
reserved_for_future_use	5
private_data	16
crc	32
}	

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FIG. 19



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FIG. 20

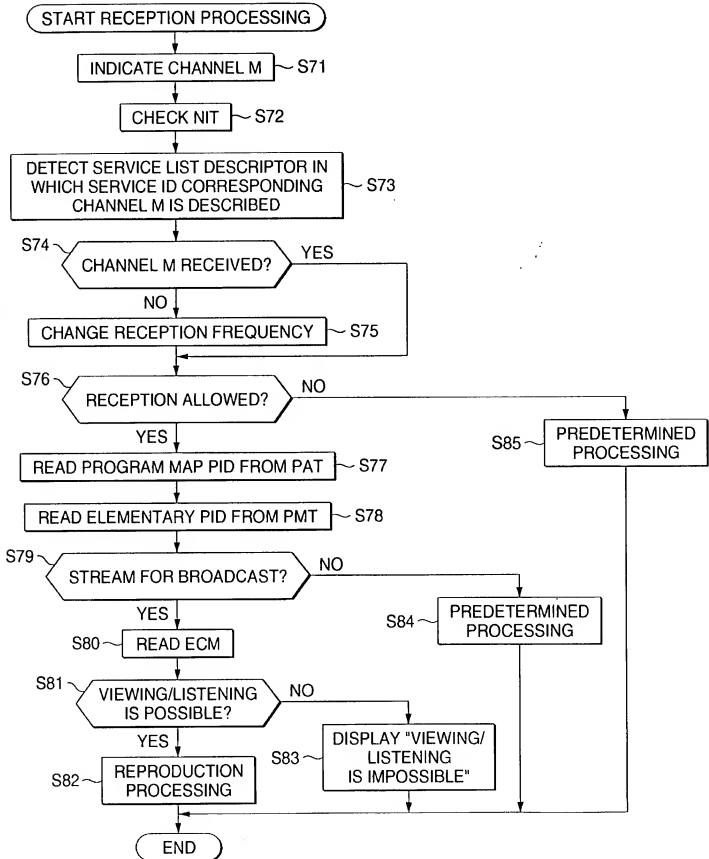


FIG. 21

